

# **USER MANUAL**

# HARD DRIVE DOCK QUATTRO

EXTERNAL DOCKING STATION / 2.5" & 3.5" SATA / USB 2.0 / FIREWIRE 800 & 400 / eSATA

#### Dear user,

welcome to the installation of your **Freecom HD Dock Quattro**. Before installing the drive, please read through the following points regarding its compatibility with your system.

#### Freecom Technologies • Germany www.freecom.com

#### **Contents of the box**

Please check the contents of the box; the following items should be included:

- Freecom HD Dock Quattro
- Connection cables (USB 2.0, FireWire 400, FireWire 800, eSATA)
- External power supply (DC12V/2A)
- Manual on CD
- Quick Install Guide

#### Warning!

All rights reserved. The products named in this manual are only used for identification purposes and may be trademarks or registered trademarks of the respective companies. This device was designed for home or office use.

<u>Warning!</u> This device is equipment complying with EN55022 class A. This equipment can cause radio disturbances in a residential area. If this is the case, the user has to take appropriate measures and assume all responsibility and costs for. It may not be used near or with any life-sustaining systems.

Freecom cannot be made liable for any damages, loss of data or damage following thereof -whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or other pecuniary loss) arising out of the use of or inability to use this Freecom product, even if Freecom has been advised of the possibility of such damages.

We reserve the right to upgrade our products in keeping with technological advances.

# **User manual**

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## Need assistance? Have questions?

In case you have a question about the use of this product, need information about other Freecom products or need technical assistance, please contact the Freecom Service Center for your country. See <u>www.freecom.com</u> for details.

Freecom offers free unlimited helpdesk support.

## **General information**

The following hardware and software requirements must be fulfilled to ensure troublefree operation.

#### System requirements

In order to use the Freecom HD Dock Quattro, following components are needed:

#### PC:

- Intel Pentium III / AMD Duron 900 MHz or higher
- 256 MB RAM (Vista / 7: 512 MB RAM) or higher
- Available USB 2.0 or USB 1.1 port\*

or

Available Firewire 400- or Firewire 800- port

or

Available eSATA port

- Internet connection for online warranty registration
- Operating system: Windows XP, Windows Vista, Windows 7

#### Mac:

- PowerPC G5 or Intel Mac
- 256 MB RAM or higher
- Available USB 2.0 or USB 1.1 port\*

or

Available Firewire 400- or Firewire 800- port

or

Available eSATA port

- Internet connection for online warranty registration
- Operating system: Mac OS X v10.5 or higher

#### Environment

Operating temperatur: 5°C - 35°C. Operating humidity: 5-90%, non-condensing

<sup>\*</sup> To achieve optimal performance from the Freecom HD Dock Quattro your PC should be equipped with an USB 2.0 port.

#### **Precautionary Measures and General Notes**

- Make sure the label side of the hard drive is ahead, and the hard drive connector is downward before it is inserted. Otherwise, the hard drive can not be inserted.
- Do not eject the hard drive while it is working.
- Hold the hard drive with its front edge instead of the PCB at the bottom side.
- Hard drives are precise equipment. Read the user manual attached with the hard drive before using.
- Do not put anything inside the product except 2.5" or 3.5" SATA I/II hard drives.
- Freecom warranty this product against defects of materials and workmanship under normal use, Freecom cannot be made responsible for any damage caused by accident, abuse, misuse etc, nor any hardware/software damage or data loss.

The surface temperature of hard drive may reach 50°C, please mind and be careful, altough it is not hot enough to burn people.

#### Features

- Works under open space, no dissipating device for hard drive is needed.
- Supports 2.5" & 3.5" SATA I/II hard drive
- Supports USB 2.0 up to 480 Mbps, compatible with USB 1.1 up to 12 Mbps.
- Supports 1.5 Gbit/s or 3.0 Gbit/s SATA HDD
- Supports hot swaps
- Unique hard drive ejection apparatus

#### Specification

- Interface: USB 2.0/eSATA to SATA, Firewire 400, Firewire 800
- Speed: 480 Mbps (USB 2.0), 12 Mbps (USB 1.1)
- Material: Plastic/Metal
- Weight: 420 g
- Dimensions: 136 (L) x 95 (W) x 77 (H) mm

If at any point during installing and/or configuring your HD Dock Quattro youneed assistance or have questions, please contact the Freecom Support Center for your country. See <u>www.freecom.com</u> for details.

Freecom offers free unlimited helpdesk support.

## Chapter 1: Start Up the HD Dock Quattro

#### **1.1 Freecom HD Dock Quattro**

#### 1.1.1 Тор



- 1. SATA connector
- 2. Power and Access LED
- 3. Slot for 2.5" SATA HDD
- 4. Slot for 3.5" SATA HDD
- 5. Eject Button

#### 1.1.2 Back



- 1. AC connector
- 2. USB 2.0 connector
- 3. eSATA connector
- 4. Firewire 800 connector
- 5. Firewire 400 connector

#### 1.2 HDD installation for 2.5" or 3.5"



2.

Connect the cable of the power supply to the Freecom HD Dock Quattro and the power supply itself to the socket.

a) **USB:** Connect the USB cable to the USB port on the HD Dock Quattro (for data transfer with USB).

- b) **Firewire 400/800:** Connect the Firewire cable to the Firewire port on the HD Dock Quattro (for data transfer with Firewire).
- c) **eSATA:**Connect the eSATA cable to the eSATA port on the HD Dock Quattro (for data transfer with eSATA).

Vertically ir make sure t connector i

or

or

Vertically insert the hard drive into the drive slot, make sure the hard drive matches firmly with the connector inside the dock.

4.

3.



Switch on the HD Dock Quattro.

## **Freecom HD Dock Quattro**



Partition and format your hard drive (if required). See chapter 3 for further details.

**PC:** Your hard drive appears in "My Computer" and can be used now.



**Mac:** Your hard drive appears on the desktop and can be used now.

#### 1.3 LED



**LED on:** HD Dock Quattro switched on

**LED flashes:** Data transfer

## **Chapter 2: Ejecting the HD from the Dock**



Switch off the power.

2.

Press the button down.



Gently remove the hard drive off in vertical direction.

## **Chapter 3: Partitioning your HD**

#### **3.1 General information**

Your hard drive must be partitioned and formatted before it can be used. This chapter describes current limitations of most common file systems and instructions to enable you to adapt your hard drive to your needs.

#### **3.2 File System features**

Please refer to the tables below for an overview:

#### File systems supported by different operating systems

| File system Operating system | FAT | FAT32 | NTFS            | HFS+ |
|------------------------------|-----|-------|-----------------|------|
| Windows XP / Vista / 7       | yes | yes   | yes             | no   |
| Mac OS X                     | yes | yes   | yes (only read) | yes  |

#### Maximum size of a partition

| File system<br>Operating system | FAT   | FAT32        | NTFS  | HFS+  |
|---------------------------------|-------|--------------|-------|-------|
| Windows XP / Vista / 7          | 4 GB* | 32 GB        | 16 TB | -     |
| Mac OS X 10.1.x                 | -     | 128 GB       | -     | 2 TB  |
| Mac OS X 10.2.x                 | -     | 128 GB       | -     | 8 TB  |
| Mac OS X 10.3.x                 | -     | ( -> 128 GB) | -     | 16 TB |
| Mac OS X 10.4.x                 | -     | ( -> 128 GB) | -     | 16 TB |
| Mac OS X 10.5.x                 | -     | ( -> 128 GB) | -     | 16 TB |
| Mac OS X 10.6.x                 | -     | ( -> 128 GB) | -     | 16 TB |

| File system<br>Total<br>size of HD | NTFS  | FAT32 |
|------------------------------------|-------|-------|
| 80 GB                              | 60 GB | 20 GB |

Example for different partitions with different file systems on one HD

Note: On NTFS formatted hard disks data can only be written under Windows XP / Vista / 7. Under Mac OS X data can only be read.

The example above is a good solution for Windows XP / Vista / 7 users who sometimes exchange data with Macs.

For storing the data under Windows XP / Vista / 7 both partitions can be used. As the NTFS file system can only be read by Mac data to be used on this operating system must be stored on the FAT32 partition.

Please follow the steps below to adapt your hard drive for your needs.

#### 3.3 Partitioning your hard drive under Windows XP / Vista / 7

#### 3.3.1 Deleting a partition on the hard drive

- 1. Click with the right mouse button on the "My Computer" icon on your desktop.
- 2. Select the option "Manage".
- 3. Select the option "Storage" -> "Disk Management".
- 4. Choose your external hard drive and right-click on the partition.
- 5. Select "Delete Partition" and confirm by clicking on "Yes". The partition will be deleted now.

#### 3.3.2 Creating a partition on the hard drive

The following steps will guide you through the process of creating partitions on your hard drive. After this procedure your hard drive will be ready for use and it will be allocated a drive letter.

- 1. Click with the right mouse button on the "My Computer" icon on your desktop.
- 2. Select the option "Manage".
- 3. Select the option "Storage" -> "Disk Management".
- 4. Choose the hard disk which is "unallocated". Ensure that the entire drive is "unallocated".

| B Computer Management       |                         |             |                    |                             |          |              |        |                 |          | _ C 🛛 |
|-----------------------------|-------------------------|-------------|--------------------|-----------------------------|----------|--------------|--------|-----------------|----------|-------|
| B Ele Action Yew Window     | Rep                     |             |                    |                             |          |              |        |                 |          | ×     |
| * + 🗈 🗃 😭 🖬 🕯               | 8                       |             |                    |                             |          |              |        |                 |          |       |
| Computer Management (Local) | Volume                  | Layout 1    | Type   File System | Status                      | Capacity | Free Space   | % Free | Fault Tolerance | Overhead |       |
| 🖻 🐞 System Tools            | (C:)                    | Partition I | Desic NTPS         | Healthy (System)            | 4,09 GB  | 638 MB       | 12.%   | No              | 0%       |       |
| Event Vewer                 | CATENI (D:)             | Partition 8 | Basic FAT32        | Healthy                     | 11,71 68 | 7,12 GB      | 60 %   | No              | 0%       |       |
| Shared Folders              | CATOR (E.)              | Partition I | Basic FAT32        | Healthy                     | 11,71 68 | 4,84 G8      | 41 %   | No              | 0%       |       |
| E Desformance Loop and Shed | 2MA(2 (F1)              | Partition 8 | Basic FAT32        | Healthy                     | 13,81 68 | 7,73 68      | 55 %   | No              | 0%       |       |
| A Device Manager            | * = WIN 90              | Partition I | Basic FAT32        | Healthy (Unknown Partition) | 1016 MB  | 630 MD       | 62 %   | No              | 0%       |       |
| R Sa Strage                 | =FW3N 2000              | Partition I | Basic NTPS         | Healthy (Unknown Parction)  | 4,89 G8  | 2,94 68      | 60 %   | No              | 0%       |       |
| 📧 💕 Removable Storage       |                         |             |                    |                             |          |              |        |                 |          |       |
| B Disk Defragneriter        |                         |             |                    |                             |          |              |        |                 |          |       |
| Disk Management             |                         |             |                    |                             |          |              |        |                 |          |       |
| Services and Applications   |                         |             |                    |                             |          |              |        |                 |          |       |
|                             |                         |             |                    |                             |          |              |        |                 |          |       |
|                             |                         |             |                    |                             |          |              |        |                 |          |       |
|                             |                         |             |                    |                             |          |              |        |                 |          |       |
|                             |                         |             |                    |                             |          |              |        |                 |          |       |
|                             |                         |             |                    |                             |          |              |        |                 |          |       |
|                             | -                       |             |                    |                             |          |              |        |                 |          |       |
|                             | allout a                |             | _                  |                             |          |              |        |                 |          | 1     |
|                             | Basic                   | WIN 9       |                    | WIN 2000                    | (0.)     | 0.5000       |        | 1.000           |          | -     |
|                             | 14,32 GB                | 1020 M      | B FAT32            | 4,89 GB NTFS                | 4,09     | GB NTPS      |        | 3,55 GB         |          |       |
|                             | onine                   | Healthy     | (Unknown Partitie  | Healthy (Unknown Partition) | Heat     | ter (System) |        | Unallocated     |          |       |
|                             | @PDisk 1                |             |                    |                             |          |              |        | 1               |          |       |
|                             | Basic                   | DATEN       | 1 (D:)             | DATEN                       | 2 (E)    |              |        | IMAGE (F:)      |          |       |
|                             | 37,27 GB                | 11,72 9     | B FAT32            | 11,72 0                     | D FAT32  |              |        | 12,83 GB PAT2   | 2        |       |
|                             |                         | meacry      | ·                  | meaning                     |          |              |        | Ineacry         |          |       |
|                             | @Disk 2                 | _           |                    |                             |          |              |        |                 |          |       |
|                             | Basic                   | 1.777       |                    |                             |          |              |        |                 |          |       |
|                             | 19,00 GD 19,00 GD       |             | at and             |                             |          |              |        |                 |          |       |
|                             |                         |             |                    |                             |          |              |        |                 |          |       |
|                             |                         |             |                    |                             |          |              |        |                 |          |       |
|                             | CD-ROM 0                |             |                    |                             |          |              |        |                 |          |       |
|                             | CD-ROM (G:)             |             |                    |                             |          |              |        |                 |          |       |
|                             | CD-ROM (G:)<br>No Media |             |                    |                             |          |              |        |                 |          |       |
|                             | CD-ROM (G:)<br>No Media |             |                    |                             |          |              |        |                 |          |       |

5. Click with the right mouse button on the "unallocated" area and select the option "New Partition". The "New Partition Wizard" opens. Click on "Next".



### **Freecom HD Dock Quattro**

6. Select "Primary partition" and click on "Next".



 Now you can adjust the size of your partition. Click on "Next" if only one partition is to be created. See next chapter (Creating two or more partitions on the HD under Windows XP / Vista / 7) how to create more than one partition.

| Specify Partition Size<br>Choose a partition size that is between the | e maximum and minimum sizes. |
|---|------------------------------|
| Maxium disk space in megabytes (MB):                                  | 19540                        |
| Minimum disk space in MB:   | 8                            |
| Partition size in MB:   | 19540                        |
|   |                              |
|   |                              |
|   |                              |
|   | <pre></pre>                  |

8. Assign a drive letter to your hard disk. Normally you can use the default options. Click on "Next".

9. Select the formatting option "Format this partition with the following settings". Choose either "FAT32" or "NTFS", the "Allocation unit size" should remain on "Default". Finally select "Perform a quick format" and click on "Next".

| New Partition Wizard  |                       | ×                      |  |  |  |
|---|-----------------------|------------------------|--|--|--|
| Format Partition<br>To store data on this partition, you must format it first.              |                       |                        |  |  |  |
| Choose whether you want to format this partition, and if so, what settings you want to use. |                       |                        |  |  |  |
| O Do not format this partition  |                       |                        |  |  |  |
| <ul> <li>Format this partition with th</li> </ul>   | e following settings: |                        |  |  |  |
| <u>File</u> system:   | FAT32                 | ~                      |  |  |  |
| Allocation unit size:   | Default               | ~                      |  |  |  |
| ⊻olume label:   | FREECOM HDD           |                        |  |  |  |
| Perform a quick format  |                       |                        |  |  |  |
| Enable file and folder compression  |                       |                        |  |  |  |
|   |                       |                        |  |  |  |
|   | < <u>B</u> ack        | k <u>N</u> ext> Cancel |  |  |  |

10. Click on "Finish" to complete the partitioning of your hard drive. Your hard drive will be formatted now and is ready-to-use afterwards.

| New Partition Wizard |   |
|----------------------|---|
|                      | Completing the New Partition<br>Wizard<br>You have successfully completed the New Pathion Wizard.   |
|                      | You selected the following settings:<br>Partition type: Primary partition<br>Disk selected: Disk 2<br>Partition size: 15540 MB<br>Drive letter or path: 1:<br>File system: FAT322<br>Allocation unit size: Default<br>Volume label: Preecom HDD<br>Cluck format: Yee<br>To close this wizard, click Finish. |
|                      | < <u>B</u> ack Finish Cancel  |

#### 3.3.3 Creating two or more partitions on the HD under Windows XP / Vista / 7

- 1. Repeat the steps from the previous chapter (Creating a partition on the hard drive under Windows XP / Vista / 7) for creating the first partition.
- 2. Click with the right mouse button on the "My Computer" icon on your desktop.
- 3. Select the option "Manage".
- 4. Select the option "Storage" -> "Disk Management".
- 5. Right-click on the unallocated space of your hard drive and select the option "New partition". The "New Partition Wizard" opens. Click on "Next".
- 6. Select "Extended partition" and click on "Next".

| 5el | ect Partition Type<br>There are three types of partitions: primary, extended, and logical.  |
|-----|---|
|     | Select the partition you want to create:  |
|     | O Primary partition   |
|     | Extended partition  |
|     | ◯ Logical drive   |
|     | Description   |
|     | An extended patition is a portion of a Master Boot Record (MBR) basic disk that<br>can contain logical drives. Use an extended patition if you want to have more<br>than four volumes on your MBR basic disk. |
|     |   |
|     | Kent Cancel Cancel  |

7. Now you can adjust the size of your partition. Enter the size and click on "Next".

| w Partition Wizard   |                                     |  |  |  |  |  |  |
|--|-------------------------------------|--|--|--|--|--|--|
| Specify Partition Size<br>Choose a partition size that is between the maximum and minimum sizes. |                                     |  |  |  |  |  |  |
|  |                                     |  |  |  |  |  |  |
| Maxium disk space in megabytes (MB):   | 9539                                |  |  |  |  |  |  |
| Minimum disk space in MB:  | 8                                   |  |  |  |  |  |  |
| Partition size in MB:  | 9539                                |  |  |  |  |  |  |
|  |                                     |  |  |  |  |  |  |
|  |                                     |  |  |  |  |  |  |
|  |                                     |  |  |  |  |  |  |
|  |                                     |  |  |  |  |  |  |
|  |                                     |  |  |  |  |  |  |
|  | < <u>₿</u> ack <u>N</u> ext> Cancel |  |  |  |  |  |  |

8. Click on "Finish" to create the "Extended partition". The unallocated space now changed to "Free space".



| Det Broot, Teta Theorem f   | 9lo  |  |  |   |  |  |  |        |   |          | - 6 |
|---|--|--|--|---|--|--|--|--------|---|----------|-----|
|   | 8  |  |  |   |  |  |  |        |   |          |     |
| Computer Management (Local)   | Volume   | Lavout   | Type F   | File System                                       | Status   | Capacity   | Free Space                                       | % Free | Fault Tolerance   | Overhead |     |
| System Tools<br>+ Devent Verver<br>- Shared Folders   | (C:)   | Partition  | Dasic 1  | NTPS  | Healthy (System)   | 4,09 GB  | 638 MD   | 12.%   | No  | 0%       |     |
|   | CATENI (D:)  | Partition  | Basic #  | FAT32   | Healthy  | 11,71 68   | 7,12 08  | 60 %   | No  | 0%       |     |
|   | CATEN2 (E:)  | Partition  | Dask P   | FAT32   | Healthy  | 11,71 68   | 4,84 68  | 41 %   | No  | 0%       |     |
| Local Users and Groups  | Treecom HDC  | Partition  | Balk F   | FAT32   | Healthy  | 9,76 (8)   | 9,76 68  | 100 %  | No  | 0%       |     |
| Performance Logs and Alerts   | I MAGE (F:)  | Partition  | Basic #  | FAT32   | Healtry  | 13,61 68   | 7,73 68  | 55 %   | No  | 0%       |     |
| An Device Manager   | G2W2N98  | Partition  | Basic #  | FAT32   | Healthy (Unknown Partitio  | 1016 MB  | 638 MB   | 62 %   | No  | 0%       |     |
| Storage     Removable Storage     Disk Defragmenter     Disk Management     Services and Applications | ⇒₩9¥ 2000  | Partition  | Besk 1   | NTPS  | Healthy (Unknown Partitio  | ) 4,09 GD  | 2,94 60  | 60 %   | No  | 0%       |     |
|   |  |  |  |   |  |  |  |        |   |          |     |
|   | Electric de la constante de la | WIN<br>1020  | 98<br>MB FAT32   | er Parth  | WIN 2000<br>4,09 GB NTF5   | (C2)<br>4,09   | GB NTPS  |        | 3,55 GB   |          | •   |
|   | Basic<br>14,32 (2)<br>Online   | WIN<br>1020<br>Heald   | 98<br>MB FAT32<br>Ny (United   | i<br>wen Partito                                  | WIN 2000<br>4,09 GD NTFS<br>Healthy (Unknown Partitio                                | (C.)<br>4,09<br>Heal   | GB NTPS<br>hy (System)                           |        | 3,55 GB<br>Unallocated  |          |     |
|   | Chine  | WIN<br>1020<br>Healt<br>DATI<br>11,72<br>Healt                           | 98<br>MB FAT3;<br>hy (Unine<br>UNI (Dc)<br>c GB FAT3<br>hy                   | i<br>wen Partitio                                 | WIN 2000<br>4,09 GD ATPS<br>Healthy (Unknown Partitics<br>DA TB<br>11,7,27<br>Health | (1:)<br>4,09<br>Healt<br>2 (1:)<br>18 FATS2  | GB NTPS<br>hy (System)                           |        | 3,55 GB<br>Unallocated<br>PMACE (F:)<br>13,63 GB FATS<br>NeaRhy   | 2        |     |
|   | CPDisk 0<br>Easic<br>14,32 GB<br>Online<br>CPDisk 1<br>Basic<br>37,27 GB<br>Online   | WIN<br>1020<br>Healt<br>DATI<br>11,72<br>Healt                           | 98<br>MB FAT33<br>hy (Unino<br>08 FAT3<br>hy                                 | 2<br>wen Partitio<br>2                            | WIN 2008<br>4,09 GB ATTS<br>Healthy (Daknown Particio<br>DATE<br>11,72<br>Health     | (C-)<br>4,09<br>Heat   | GB NTPS<br>fy (System)                           |        | 3,55 QB<br>Unalocated<br>PMACE (F)<br>13,65 GB FATS<br>Healthy    | 2        |     |
|   | CPDesk 0<br>Basic<br>14,32 cB<br>Online<br>Contine<br>Contine<br>Contine<br>Contine<br>Contine<br>Contine<br>Contine<br>Contine  | WIN<br>1020<br>Healt<br>DATI<br>11,72<br>Healt<br>Free<br>99.77<br>Healt | 98<br>Mit FAT32<br>hy (Unino<br>2 GB FAT3<br>hy<br>GB FAT3<br>hy             | 2<br>Swein Partitio<br>2<br>2<br>2<br>2<br>2<br>2 | WIN 2000<br>4,69 GB NITS<br>Healthy (Daincen Partition<br>11,72<br>Healthy           | (1)<br>4,89<br>Heat<br>2 (1:)<br>38 PAT32<br>7   | GB NTPS<br>hy (System)<br>9,32 GB<br>Free space  |        | 3,55 GB<br>Unakcated<br>DMACE (F:)<br>13,63 GB FATS<br>Healthy    | 2        |     |
|   | OPbek 0     Basic     14,32 cm     Online  | WIN<br>1020<br>Healt<br>DATI<br>11,72<br>Healt                           | 98<br>MB FAT33<br>MV (United<br>COB FAT3<br>try<br>COM HOC<br>GB FAT3<br>try | 2<br>Swen Partito<br>2<br>2<br>2                  | WIN 2000<br>4,69 cB NTS<br>Healthy (Istiercen) Particio<br>11,72<br>11,72<br>Nealth  | (C)<br>(4,99<br>Heat<br>2013<br>2014<br>2014<br>2014<br>2014<br>2014<br>2014<br>2014<br>2014 | GB NTPS<br>hy (System)<br>9,32 (B)<br>Free space |        | 3,55 GB<br>Unalscated<br>PMACE (F)<br>13,63 GF ATS<br>Healthy     | 2        |     |
|   | Disk 0     Ease     Sortek        | WIN<br>1020<br>Heald<br>DATI<br>11,72<br>Heald<br>Free<br>99,77<br>Heald | 98<br>MB FAT32<br>hy (Uninc<br>de FAT3<br>hy<br>Gen HDC<br>' GB FAT3<br>hy   | 2<br>2<br>2<br>2<br>2                             | WIN 2006<br>4,90 GANTOS ANTOSA<br>Headby (DARTOSA Participation)<br>11,72<br>Headby  | (C3)<br>(-0.9)<br>Healt<br>28 PAT32  | GD NTPS<br>hy (System)<br>9,32 GB<br>Free space  |        | 3,55 GB<br>Unallocated<br>PMACE (F:)<br>13,65 GB FAT30<br>Healthy | 2        |     |

9. Right-click on "Free Space" and select "New Logical Drive". The "New Partition Wizard" opens. Click on "Next".

| Computer Management         |   |  |   |  |  |  |        |  |                       | - 20           |
|-----------------------------|---|--|---|--|--|--|--------|--|-----------------------|----------------|
| B Ele Action Yew Window 1   | Balo  |  |   |  |  |  |        |  |                       | _( <b>a</b> ); |
| 🗢 - 🗈 🗃 😭 🖓 🗙 🗿             | 8   |  |   |  |  |  |        |  |                       |                |
| Computer Management (Local) | Volume  | Layout Ty  | pe File System  | Status   | Capacity                                 | Free Space   | % Free | Fault Tolerance  | Overhead              |                |
| System Tools                | 🗩 (C:)  | Partition Ba   | sic NTPS  | Healthy (System)   | 4,09 GB                                  | 638.MB   | 12.%   | No   | 0%                    |                |
|                             | CATENI (D.)   | Partition Ba   | sic FAT32   | Healthy  | 11,71 68                                 | 7,12 (8  | 60 %   | No   | 0%                    |                |
| H Shared Folders            | CATENC (E:)   | Partition Ba   | sic FAT32   | Healthy  | 11,71 68                                 | 4,04 G8  | 41 %   | No   | 0%                    |                |
| E Loca Users and Groups     | @fH0-2(1:)  | Partition Ba   | sk FAT32  | Healthy  | 9,76 68                                  | 9,76 (28   | 100 %  | No   | 0%                    |                |
| Performance Logs and werts  | Hierorn HDD   | Partition Ba   | sic FAT32   | Healthy  | 13,01 68                                 | 7,73 60  | 55.%   | No   | 0%                    |                |
| Bil Sprace                  | ₩3V 98  | Partition Ba   | sk FAT32  | Healthy (Unknown Partition)  | 1016 MB                                  | 638 MB   | 62 %   | No   | 0%                    |                |
| + a Removable Storage       | =PW9N 2000  | Partition Ba   | sic NTFS  | Healthy (Unknown Partition)  | 4,09.68                                  | 2,94 GB  | 60 %   | No   | 0%                    |                |
| Disk Defragmenter           |   |  |   |  |  |  |        |  |                       |                |
| Disk Management             |   |  |   |  |  |  |        |  |                       |                |
| Services and Applications   |   |  |   |  |  |  |        |  |                       |                |
|                             |   |  |   |  |  |  |        |  |                       |                |
|                             |   |  |   |  |  |  |        |  |                       |                |
|                             |   |  |   |  |  |  |        |  |                       |                |
|                             |   |  |   |  |  |  |        |  |                       |                |
|                             | @Disk 0   | -  |   |  |  |  |        |  |                       |                |
|                             | CPDisk 0<br>Basic<br>14,32 GB<br>Online   | WEN 98<br>1020 MB<br>Healthy 0   | A132<br>Jhinown Partitis                                | WIN 2000<br>4,09 GB NTF5<br>Healthy (Unknown Partition)  | (IC)<br>4,09<br>Heat                     | GB NTPS<br>ty (System)                             |        | 3,55 GB<br>Uhalocated  |                       |                |
|                             | CPDisk 0<br>Bask<br>14,32 (2)<br>Online<br>CPDisk 1   | WEN 90<br>1020 MB<br>Healthy 0   | A132<br>Joknown Partitie                                | WIN 2000<br>4.99 KB NTPS<br>Healthy (Uninown Partition)  | (C)<br>4,29<br>Heat                      | GB NTPS<br>ty (System)                             |        | 3,55 GB<br>Unallocated   |                       |                |
|                             | CPDHAR 0<br>Basic<br>14,32 GB<br>Creline<br>Chine<br>Chine<br>Chine   | WEN 90<br>1020 MB<br>Healthy ()  | A132<br>Johnown Partitie<br>(Dr.)                       | WIN 2000<br>4,89 GB NTF5<br>Healthy (Unincern Partition)   | (E)<br>4,29<br>Heat                      | að Nífrs<br>fyr (System)                           |        | 3,55 GB<br>Unalocated  |                       |                |
|                             | CPDHAK 0<br>Basic<br>14,32 GB<br>Critine<br>Critine<br>Critine<br>Critine<br>Critine<br>Critine<br>Critine<br>Critine<br>Critine  | WEN 90<br>1020 MB<br>Healthy 0<br>DATEN1<br>11,72 GB   | AT32<br>Johnown Partitis<br>(Dr.)<br>FAT32              | WEN 2000<br>4,97 GE NTES<br>Healthy (Uninown Partition)<br>04 TEN<br>11,72 G                                     | (C.)<br>4,29<br>Heat                     | 28 MTPS<br>ty (System)                             |        | 3,55 GB<br>Unalocated<br>IMAGE (F:)<br>13,85 GB FAT30  | 1                     |                |
|                             | CPDHAR 0<br>Basic<br>14,32 GB<br>Ordine<br>Creation<br>Book 1<br>Book 1<br>Book 2<br>37,27 GB<br>Creation<br>Book 2<br>Creation<br>Book 2<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Creation<br>Crea | WEN 98<br>1020 MB<br>Healthy ()<br>DATENI<br>11,72 GB<br>Healthy   | A132<br>Johnown Partits<br>(0:2)<br>FAT32               | WEN 2000<br>4/0 (ENTPS<br>Healthy (Uninown Partition)<br>DATEN<br>11,72 G<br>Healthy                             | (C)<br>4,29<br>Heat<br>Heat              | GB NTPS<br>for (System)                            |        | 3,55 (8<br>Unalicated<br>13,03 (0 PATS)<br>Healty  | 2                     |                |
|                             | Chike 0<br>Basic<br>11,32 GB<br>Online<br>Chike<br>37,27 GB<br>Online<br>Chike<br>20 Disk 2<br>Basic  | WZN 98<br>1020 MB<br>Healthy ()<br>OATENI<br>11,72 GB<br>Healthy   | AT32<br>Johnown Partite<br>(0-2)<br>FAT32               | VEN 2000<br>1,29 GB HTP5<br>Healthy (Uninown Partbor)<br>DATER<br>Healthy  | (C)<br>4,29<br>Heat<br>Heat<br>Prataz    | GB NTPS<br>ty (System)                             |        | 3,55 (8)<br>Unalocated<br>Indicated<br>I1,03 (8) FAT33<br>Healthy  | 2                     |                |
|                             | CPDesk 0<br>Basic<br>14,52 GB<br>Online<br>CPDesk 1<br>Basic<br>37,27 GB<br>Online<br>CPDesk 2<br>Basic<br>19,06 GB   | WEN 90<br>1020 MB  <br>Healthy 0<br>DATEN1<br>11,72 GB<br>Healthy<br>Preecon<br>99,77 GB                         | AT32<br>Jikrown Partis<br>(0:)<br>FAT32                 | WEN 2000<br>4,95 GR NTFS<br>Healthy (Unincen Partition)<br>11,77<br>Healthy                                      | (C)<br>4,89<br>Heat<br>2 (E)<br>8 FAT32  | GB NTPS<br>ty (System)<br>9,32 GB                  |        | 3,55 G8<br>Unallocated<br>13,63 G8 PAT32<br>Healthy<br>New Look  | 2 -                   |                |
|                             | Chiek 0<br>Basic<br>14, 52 GB<br>Online<br>Chiek 1<br>Basic<br>37, 27 GB<br>Online<br>Chiek 2<br>Basic<br>19, 06 GB<br>Online   | WIN 90<br>1020 MB Heathy ()<br>DATEN1<br>11,72 (0)<br>Heathy<br>Freecon<br>92,77 (0)<br>Heathy                   | FAT32<br>Drinown Partitis<br>(0-)<br>FAT32<br>FAT32     | WEN 2000<br>1,09 @ NTF5<br>Healthy (Uninown Partition)<br>OATEN<br>11,72 @<br>Healthy                            | (C)<br>4,89<br>Heat<br>2 (E)<br>8 FAT32  | 28 MTPS<br>by (System)<br>9,32 G8<br>Free space    |        | 3,55 GB<br>Unatocated<br>IMAGE (P)<br>13,03 GB PATS<br>Healthy<br>Ben Logici   | 2<br>al Drive         |                |
|                             | Book 0     Book 1     Book 1     Book 2     Book 2     Book 2     Book 2     Dook 0     Online  | WEN 90<br>1020 MB Heathy ()<br>DATEN1<br>11,72 GP Heathy<br>Heathy<br>Freecon<br>39,77 GP                        | fAT32<br>Jokown Partitis<br>FAT32<br>FAT32              | WEN 2000<br>4,20 GB NTPS<br>Healthy (Unincent Partition)<br>11,27 G<br>Healthy                                   | (C3)<br>4,89<br>Healt<br>Healt<br>BFAT32 | 28 NTP5<br>ty (Stydam)<br>9,32 68<br>Free space    |        | 3,55 G8<br>Unallocated<br>13,63 GP FAT3<br>Healthy<br>Bee Logic<br>Delete Part   | 2<br>al Drive<br>5600 |                |
|                             | Ohiek 0     Dasic     Tasic   | WIN 90<br>1020 MB I<br>Healthy ()<br>DATEN1<br>11,72 GB Healthy<br>Freecon<br>90,77 GB Healthy                   | Artaz<br>Jeknown Partits<br>(D-3)<br>FAT32<br>FAT32     | 400 2000<br>420 (2) HTP5<br>Healthy (Unknown Partition)<br>0 ATEX<br>Healthy<br>Healthy                          | (C2)<br>4,89<br>Heak<br>2 (E2)<br>BFAT32 | 98 NTP5<br>ty (System)<br>9,32 G8<br>Pree space    |        | 3,55 G8<br>Unalocated<br>13,83 G8 FAT3<br>Healthy<br>Bitre Logics<br>Celete Part   | 2<br>al Drive<br>Obon |                |
|                             | Orbick 0     Basic     Tel, 52 GB     Online   | WIN 90<br>1020 MB<br>Healtry ()<br>DATEN1<br>11,72 (9)<br>Healtry<br>Freecon<br>99,77 (8)<br>Healtry             | A132<br>Jokown Partis<br>(00)<br>FA132<br>FA132         | WIN 2000<br>4,90 GB NTPS<br>Healthy (Unifrom Partition)<br>DATEN<br>Healthy<br>Healthy                           | (C2)<br>4,89<br>Heat<br>0 FAT32          | (28 NTP5<br>ty (Stystem)<br>9,52 (28<br>Pree space |        | 3,55 GB<br>Unallocated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Inadicated<br>Indicated<br>Indicated<br>Indicated<br>Indicated<br>Indicated<br>Indicated<br>Indicate | 2<br>al Drive<br>Obon |                |
|                             | Obiek 0     Easic     Tasic   | WEY 50<br>1020 MB<br>Healthy (<br>DATEN)<br>11,72 GP<br>Healthy<br>Feecon<br>9277 GP<br>Healthy                  | FAT32<br>Indicem Partis<br>FAT32<br>FAT32               | 1979-2000<br>429/02 (1175)<br>Healthy (Uniform Partition)<br>11,727<br>Healthy<br>Healthy                        | (C2)<br>4,99<br>Heat<br>0 FAT32          | (B NTP5<br>try (System)<br>9,32 (B<br>Pres space   |        | 3,55 G8<br>Unalocated<br>13,05 GP<br>13,05 GP<br>Healthy<br>Bere Logici<br>Celete Part<br>Beb  | 2<br>I Drive          |                |
|                             | CPDesk 0     Basc     14,32 G     Orden     Control     Solic     Solic     Solic     Solic     Solic     Control     Contro     Control     Contro     Contro     Contro   | WEN 90<br>1020 MB<br>Healthy ()<br>OATEN<br>11,72 GB<br>Healthy<br>Freecon<br>39,77 GB<br>Healthy<br>Prescon     | A132<br>Rénover Partis<br>(60)<br>FA132<br>HDD<br>FA132 | VPV 2000<br>4.9 / 02 NTV<br>Insubtry (Latroum Partition)<br>CALTYS<br>Insubtry<br>diparticent Pres space         | (C2)<br>4,99<br>Heat<br>0 FAT32          | 08 NTPS<br>ty (System)<br>9,32 08<br>Pree space    |        | 3,55 GB<br>Ubalocated<br>13,85 GB FAT2<br>Healthy<br>Ben Logic<br>Delite Part<br>Heb   | al Drive              |                |
|                             | Chine Control Con   | WEN SB<br>1020 MB<br>Healtry ()<br>DATEN<br>11,72 GB<br>Healtry<br>Freecon<br>92,77 GB<br>Healtry<br>Pienary pat | 14132<br>Definition Particle<br>14132<br>NICO<br>14132  | WIN 2000<br>Availa (NP)<br>Invality (britown Pratticus)<br>Control<br>11.372<br>Invality<br>Invality<br>Invality | (C)<br>4,09<br>Heat<br>0 FAT32           | 22 NTP3<br>ty (System)<br>9,32 GB<br>Prec space    |        | 3,55 GB<br>Unallocated<br>31,34 GB / M122<br>Healthy<br>Delite Part<br>Bab   | al Drive              |                |

- 10. "Logical drive" is already selected. Click on "Next".
- 11. Specify the partition size and click on "Next".
- 12. Assign a drive letter and click on "Next".
- 13. Select the formatting option "Format this partition with the following settings". Choose either "FAT32" or "NTFS", the "Allocation unit size" should remain on "Default". Finally select "Perform a quick format" and click on "Next".
- 14. Click on "Finish" to complete partitioning. Your partition will be formatted now and is ready-to-use.

Note: If you select NTFS as file system, the data of your HD Dock Quattro can be read only under Mac OS X. There is no possibility to write data.

#### 3.4 Partitioning your HD under Mac OS X

- 1. Open the "Disk Utility". This can be found in "Applications" —> "Utilities".
- 2. Click on the tab "Partition".

| 000   | FUJITSU MHZ22508H G1 Media   |
|---|--|
| 149,1 G8 WDC WD1600J5-4     Macintosh HD     Mac OS 10.5  | First Aid Brase Partition RAID Restore Volume Scheme: Volume Information Learting  |
| 232,9 GB FUJITSU MH222508   | Format: Marce PRECOM PLDU Format: Marco Extended Opurnaled)  |
|   | To partition the selected disk, choose a volume scheme. Set the<br>name, format, and size for each volume. Then citick Apply,<br>FREECOM HOO<br>A new volume will be created.<br>Size: |
|   | +- Options. Reven Apply  |
| Disk Description : FUJITS:<br>Connection Bus : USB<br>Connection Type : Extern<br>USB Serial Number : 60981 | MH222508H G1. Media Total Capacity :<br>Write Status : Read/Write<br>I SML42.7. Status : Not Supported<br>SS7FF Partition Map Scheme : Master Boot Record                              |

Here you can setup the partition settings and partition the drive according to your settings (e.g. Mac OS Extended). Detailed information how to use the Disk Utility can be found in the help:



## **Chapter 4: Trouble shooting - FAQ**

If you still have problems getting your Freecom HD Dock Quattro to function properly despite having installed it correctly, then please check the following items:

• What can I do when the hard drive does not work and there is cklicking noise arising from it?

It means the power supply is not adequate enough to start the hard drive. Make sure the power plug (power adaptor and cable) is inserted, and connect the USB, eSATA or Firewire cable to the counterpart ports.

• When I finished the hardware installation following the manual, the external device failed to be detected by the system. Why?

Please check the hard drive, and format it if it is a new one.

If using eSATA to transfer, please check whether your motherboard supports hot swap. If not, connect the Freecom HD Dock Quattro to the eSATA port on computer before starting it.



We thank you for purchasing this Freecom product and hope you will enjoy using it. In order to avoid unnecessary inconvenience on your part, we suggest reading the quick install guide, instruction manual and any additional electronic and or printed manuals. When problems occur we have a database with Frequently Asked Questions (FAQ) on our Freecom website (www.freecom.com), please check this site before you contact the helpdesk.

## **Your Guarantee**

All Freecom products come with unlimited technical phone and web support. By this Guarantee, Freecom warrants their products to be free from defects in material and workmanship for a period listed below from the date of its original purchase. If during this period of guarantee the product proves defective due to improper materials or workmanship, Freecom will, without charge for labour or parts, at its sole discretion, repair or replace the product or its defective parts upon the terms and conditions set out below.

## Conditions

This guarantee will be granted only when the original invoice or sales receipt (indicating the date of purchase, product and serial number) is presented together with the defective product and a Freecom RMA number received from the Freecom Website or given by a Freecom Service Center. Freecom reserves the right to refuse the free-ofcharge guarantee services when the date of purchase of the product cannot be proven. This guarantee will not apply if the RMA number is missing, the serial number on the product has been altered, removed or made illegible.

This guarantee covers only the hardware components packaged with the product. This guarantee covers none of the following: (a) any consumable supplied with the product, such as media or batteries; (b) damage to or loss of any software programs, data or removable storage media; (c) any damage resulting from adaptations, changes or adjustments, which may have been made to the product, without the prior written consent of Freecom; (d) attempted repair by any party other than authorized by Freecom and (e) accidents, lightning, water, fire or any other such cause beyond the reasonable control of Freecom.

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